GOVERNMENT OF INDIA
HEALTH AND FAMILY WELFARE
LOK SABHA

UNSTARRED QUESTION NO:2529
ANSWERED ON:04.12.2002
VACCINE FOR CHOLERA AND T.B.
PRAKASH V. PATIL

Will the Minister of HEALTH AND FAMILY WELFARE be pleased to state:

(a) whether a new vaccine for Cholera and T.B. has been developed by Indian scientists;

(b) if so, the details thereof;

(c) whether trials of the vaccines were conducted on humans; and

(d) if so, the results thereof?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE (SHRI A. RAJA)

(a) to (d) An indigenous oral recombinant vaccine for Cholera based on VA 1.3 strain of Vibrio Cholera has been developed jointly as a collaborative research effort of scientists of three institutes namely, Institute of Microbiotechnology, Chandigarh and Institute of Chemical Biology, Kolkata under Council for Scientific and Industrial Research (CSIR); and Institute of Cholera and Enteric Diseases Kolkata under Indian Council of Medical Research (ICMR). The vaccine has undergone Phase-I clinical trials at three centres namely Post Graduate Institute of Medical Education and Research, Chandigarh; Sanjay Gandhi Institute of Medical Sciences, Lucknow and Society for Applied Studies, Kolkata. The vaccine is currently undergoing Phase-II clinical trials for efficacy.

The ICMR`s scientists at Tuberculosis Research Centre, Chennai and South Campus, New Delhi are engaged in improving the existing BCG vaccine.Animal experiments in guinea pig model of Tuberculosis (TB) are being conducted.The development of new TB vaccine is at the research stage.